

**AMENDMENTS TO THE CLAIMS****Claim 1 (cancelled)****Claim 2 (currently amended)**

A recombinant DNA sequence comprising the hTFIIIA gene of the human transcription factor hTFIIIA ~~according to claim 1~~, coding for the amino acid sequence SEQ ID No: 2.

**Claim 3 (previously presented)**

A recombinant DNA sequence comprising the hTFIIIA gene according to claim 2, containing the nucleotide sequence SEQ ID No: 3.

**Claim 4 (previously presented)**

A recombinant DNA sequence comprising the hTFIIIA gene according to claim 4, 2, containing the nucleotide sequence SEQ ID No: 4.

**Claim 5 (previously presented)**

A recombinant DNA sequence according to claim 4 having the sequence beginning at nucleotide 176 and finishing at the nucleotide 1270 of SEQ ID No: 3.

**Claim 6 (previously presented)**

A recombinant DNA sequence coding for the human transcription factor hTFIIIA according to claim 2 as well as the DNA sequence which hybridize with it and/or show a significant homology with this sequence or fragments of it and which code for a protein with the same function.

**Claim 7 (previously presented)**

A recombinant DNA sequence according to claim 2 comprising modifications introduced by suppression, insertion and/or substitution of at least one nucleotide coding for a protein with the same biological activity as human transcription factor hTFIIIA.

**Claim 8 (previously presented)**

A recombinant DNA sequence according to claim 2 as well as similar DNA sequences which have nucleotide sequence of homology of at least 50% or at least 60% and preferably at least 70% with the said DNA sequence.

**Claim 9 (previously presented)**

A recombinant DNA sequence according to claim 2 as well as similar DNA sequences which code for a protein, the AA sequence of which has a homology of at least 40% with the AA sequence coded by the said DNA sequence.

**Claim 10 (previously presented)**

A polypeptide having the function of human transcription factor hTFIIIA and with the amino acid sequence SEQ ID No: 2 coded by the DNA sequence according to claim 2 and the analogues of this polypeptide.

**Claim 11 (previously presented)**

A process for the preparation of the hTFIIIA recombinant protein having the amino acid sequence SEQ ID No: 2 comprising the expression of the DNA sequence according to claim 2 in an appropriate host, then isolation and purification of the said recombinant protein.

**Claim 12 (previously presented)**

An expression vector containing the recombinant DNA sequence according to claim 3.

**Claim 13 (original)**

Host cell transformed with a vector according to claim 12.

**Claim 14 (original)**

Plasmid deposited at the CNCM under the number I-2071.

**Claims 15 and 16 (cancelled)**

**Claim 17 (previously presented)**

A method of treating a disease linked to transcription control disorders in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of the recombinant DNA sequence of claim 1 or in the human transcription factor coded by the sequence sufficient to treat said diseases.

**Claim 18 (previously presented)**

The method of claim 17 wherein the disease is cancer.